

IN THE CLAIMS:

Cancel Claims 1 through 10 of record, and substitute new Claims 11 through 23, as follows:

11. In combination:

- a. means for displaying information on a flat panel defining a display screen and hinge means at the bottom edge of the display means;
- b. means for position adjusting of the display means in elevation and inclination, physically connected to the display means by hinge means, wherein the display means may be oriented continuously from roughly vertical and roughly horizontal;
- c. means for housing electronics having hinge means located near the front of the housing means, wherein the hinge means is connected to the adjustment means, such that the display means can be oriented by hand though large ranges independently or together for ergonomic human viewing;
- d. said hinge means are such that it has sufficient friction to physically support the display panel and support arms under gravity; and
- e. said housing means being sufficiently large for locating a microcomputer and other electronics, wherein the housing means also serves as a stable base for the above elements.

12. The combination as recited in Claim 11, further comprising means for input of hand written and drawn information via a stylus means, wherein the display means can be folded on top of the main housing means for ease of writing and viewing.

13. The combination as recited in Claim 11, further comprising a means for azimuth rotation of the display screen though sufficient angles, such that when combination is on a desk or table the display screen can be rotated though azimuth angles by hand to adjust for various operator positions.

14. The combination as recited in Claim 11, in which the hinge means includes a locking and unlocking means, such that the display means can be position adjusted by hand and temporarily fixed in place.

15. The combination as recited in Claim 11, in which the display means contains computing means, battery power and other associated electronics, wherein the display means can be removed from the housing means, so that a user can operate the computer while hand carrying the display means in a mobile operation.

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16. A desktop personal computer unit for placement on top of a flat horizontal surface and free to slide anywhere on the surface, comprising:
- a. a flat display panel assembly defining a display screen and support structure with a first hinge pair near the two bottom corners of the display panel assembly;
 - b. a first support arm pair physically connected to the display panel assembly via the first hinge pair, such that the display panel can be rotated in inclination angle by either hand of the operator;
 - c. a second support arm pair connected to the other ends of the first support arm pair via a second hinge pair;
 - d. means for digital data computing, which is electrically connected to the display panel assembly and which controls the display assembly's operation;
 - e. means for housing main electronics having a third hinge pair located near the front corners of the unit, wherein the third hinge pair connects to the other ends of the second support arm pair, such that the display panel assembly, first support arm pair and second support arm pair can be rotated by hand through large angles independently or together for ergonomic human viewing;
 - f. said hinge pair means are such that they each have sufficient friction to physically support the display panel and support arms under gravity; and
 - g. the said main housing means being sufficiently large to enclose the computing means and associated power and control electronics.
17. A desktop computer unit as recited in Claim 16, further comprising a means for input of hand written and drawn information via a stylus or pen means, wherein the display panel, first support arm pair and second support arm pair can be folded together for ease of writing and viewing.
18. A desktop computer unit as recited in Claim 16, further comprising a means for azimuth rotation of the display panel with respect to the display support structure, such that when the apparatus is on a standard desk or table the display screen can be rotated through azimuth angles by hand to adjust for various operator positions.
19. A means for interactive communications to and from external networks, comprising:
- a. a flat panel display assembly defining a display screen and hinge means attached to the display panel assembly;
 - b. means for orienting the position on the flat panel display screen attached to the flat panel display assembly, wherein the display screen can be moved by hand through a wide range of positions;

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- d. a wedged shaped main unit attached to the orienting means, which may contain electronics for control of the flat panel display and other communications functions;
- e. means for computing data and information electrically connected to the flat panel display, wherein the computing means may be located in the wedge shaped main unit or the flat display assembly; and
- f. means for two way external data communications, wherein the external communication means may be comprised of stored programs and electronics interfaced to the computing means.
20. An interactive communications means as recited in Claim 19, further comprised of a means for pen or stylus input, electrically connected to the computing means and registered to the display screen, wherein hand written, sketch and drawing information can be entered by the user.
21. An interactive communications means as recited in Claim 19, in which the external communication means includes a telephone voice communication means interfaced to the computing means, wherein a handset, keypad, speaker and microphone may be included in the voice communications means.
22. An interactive communications means as recited in Claim 19, further comprised of a computer keyboard having a multiplicity of finger operable keys, wherein the keyboard is electrically connected to the computing means.
23. An interactive communications means as recited in Claim 19, further comprising a means for display cursor and data input control, such as a mouse or trackball device, which is electrically connected to the computing means, whereby additional user data input can be provided.

REMARKS

The above *new revised* claims are being submitted as part of this continuation in part application; these claims are submitted to be patentable over the art of record in the parent cases for the following reasons.

The examiner's arguments have been carefully considered. The applicant still disagrees with some points made by the examiner. For example, despite what the examiner wrote, the applicant believes that, in certain inventions, CRT displays and flat panel displays are *not interchangeable*. This is due to the fact that the physical size and shape of CRTs